IN THE CLAIMS

1. (Original) A turning tool for cutting circumferential grooves into a surface of a polishing pad formed of a resin material and utilized for polishing semiconductor devices, said turning tool comprising:

a cutting part arranged to have a tooth width within a range of 0.005-1.0mm, a wedge angle within a range of 15-35 degrees, and a front clearance angle within a range of 65-45 degrees.

2. (Original) A turning tool according to claim 1, wherein said cutting part has a rake angle within a range of 20-10 degrees.

3. (Original) A turning tool according to claim 1, wherein said cutting part has a side clearance angle with respect to a radially outer wall of each of said grooves, which is held within a range of 0-3 degree.

4. (Original) A turning tool according to claim 1, wherein said turning tool includes a plurality of cutting parts which are arranged in a predetermined direction with a pitch within a range of 0.2-2.0mm.

5. (Original) A turning tool according to claim 4, wherein said plurality of cutting parts are arranged in a predetermined direction with regular pitches.

6. (Original) A turning tool according to claim 4, further comprising a plate-like shaped tool tip having a plurality of cutting parts integrally formed at one of edge portions thereof so as to protrude outwardly from said one of said edge portions.

7. (Original) A turning tool according to claim 6, wherein said turning tool comprising a plurality of said tool tips, said tool tips being fixedly arranged with each other so as to be aligned in a width direction thereof, said cutting parts of said plurality of tool tips cooperate to form a multiplicity of cutting parts.

8. (Original) A turning tool according to claim 7, further comprising a predetermined tool-tip holder to which said plurality of said plate-like shaped tool tips are detachably fixed, said tool tip holder and said plurality of tool tips cooperate to constitute a tool unit.

9. (Original) A turning tool according to claim 4, further comprising a plurality of cutting tips each having one of said cutting parts, said plurality of cutting tips are detachably fixed to each other so that cutting parts of said plurality of cutting tips cooperate to form a plurality of cutting parts.

10. (Original) A turning tool according to claim 9, wherein said plurality of cutting tips are superposed on and integrally fixed to one another with spacers interposed adjacent ones of the cutting tips so that the spacers function to keep a pitch of said plurality of cutting tips.

11. (Original) A turning tool according to claim 9, further comprising a cutting-tip holder to which the plurality of cutting tips are detachably fixed, said cutting tip holder and said cutting tips cooperate to constitute a unit tool.

12. (Original) A turning tool according to claim 10, further comprising a cutting-tip holder to which the plurality of cutting tips are detachably fixed, said cutting tip holder and said cutting tips cooperate to constitute a unit tool.

13. (Original) A turning tool according to claim 1, wherein said cutting part has a tip portion arcuately curved in a width direction thereof so that said tip portion has two end parts opposed in said width direction, said two end parts of said tip portion protruding outwardly from an intermediate part of said tip portion in a direction perpendicular to said width direction.

14. (Original) A turning tool according to claim 1, wherein said cutting part has a tip portion being serrated.

15. (Original) A turning tool according to claim 1, wherein said cutting part has at least one side surface being serrated.

16-40. (Canceled)